

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS032822\  
 Data File : PS018805.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2022 22:45  
 Operator : AJ\MA  
 Sample : N2125-03MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 164718MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/30/2022  
 Supervised By : mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 01:12:57 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS031422.M  
 Quant Title : 8080.M  
 QLast Update : Mon Mar 14 11:41:05 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2  
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound     | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml        |
|-----------------------------|--------------|--------|--------|-----------|-----------|----------|--------------|
| -----                       |              |        |        |           |           |          |              |
| System Monitoring Compounds |              |        |        |           |           |          |              |
| 4) S                        | 2,4-DCAA     | 7.226  | 6.811  | 1298.2E6  | 375.8E6   | 456.157m | 534.004m     |
| Target Compounds            |              |        |        |           |           |          |              |
| 1) T                        | Dalapon      | 3.029  | 2.540  | 645.9E6   | 478.3E6   | 166.107  | 578.729m#    |
| 2) T                        | 3,5-DICHL... | 6.435  | 5.983  | 1437.8E6  | 317.4E6   | 373.107m | 303.439m     |
| 3) T                        | 4-Nitroph... | 7.055  | 6.419  | 556.9E6   | 225.2E6   | 323.165  | 554.257 #    |
| 5) T                        | DICAMBA      | 7.420  | 6.979  | 3510.0E6  | 983.2E6   | 321.823  | 330.084      |
| 6) T                        | MCPD         | 7.589  | 7.082  | 274.7E6   | 67225380  | 32.361   | 27.460       |
| 7) T                        | MCPA         | 7.743  | 7.286  | 359.8E6   | 111.6E6   | 29.749   | 31.960       |
| 8) T                        | DICHLORPROP  | 8.116  | 7.640  | 1043.0E6  | 4375.5E6  | 378.681  | 5527.325 #   |
| 9) T                        | 2,4-D        | 8.348  | 7.894  | 1380.8E6  | 366.9E6   | 412.103  | 391.976      |
| 10) T                       | Pentachlo... | 8.657  | 8.324  | 12869.3E6 | 3423.9E6  | 355.479  | 348.652      |
| 11) T                       | 2,4,5-TP ... | 9.212  | 8.684  | 5824.1E6  | 1589.6E6  | 382.956  | 364.416      |
| 12) T                       | 2,4,5-T      | 9.496  | 9.114f | 5230.9E6  | 3948.8E6  | 350.158  | 953.307m#    |
| 13) T                       | 2,4-DB       | 10.039 | 9.558  | 3451.0E6  | 74431.6E6 | 1261.620 | 131099.618 # |
| 15) T                       | Picloram     | 11.048 | 10.887 | 6308.6E6  | 2012.0E6  | 306.903m | 378.477      |
| 16) T                       | DCPA         | 11.481 | 10.836 | 7768.3E6  | 2798.2E6  | 434.209m | 532.050      |
| -----                       |              |        |        |           |           |          |              |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Operator : AJ\MA  
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Misc :  
ALS Vial : 16 Sample Multiplier: 1

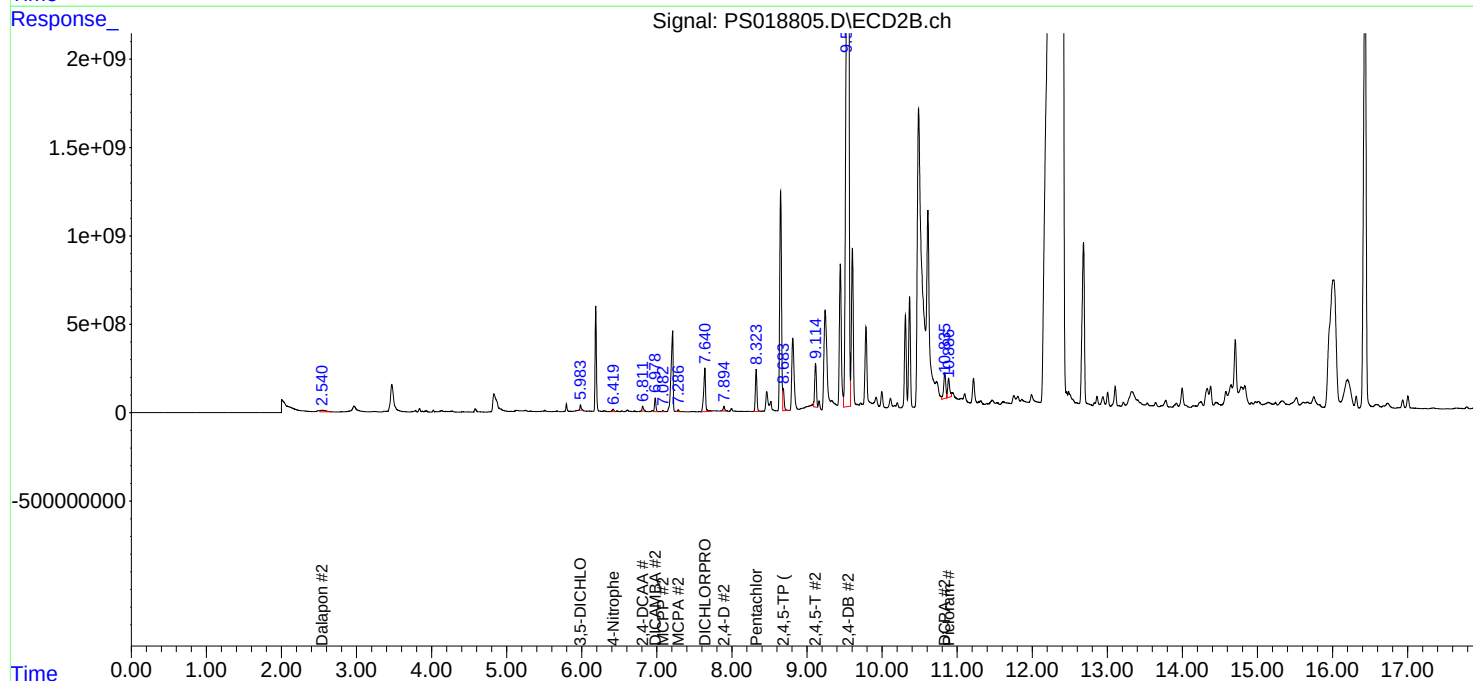
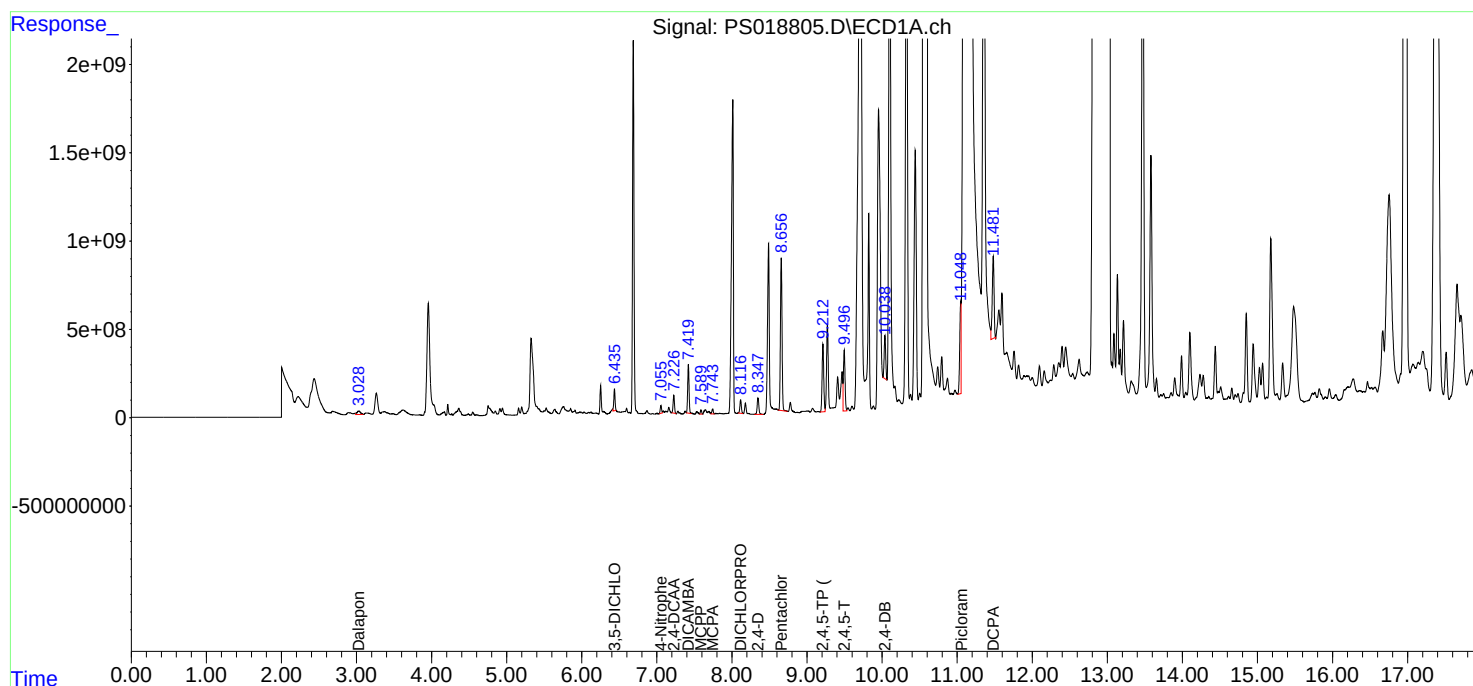
Instrument :  
ECD\_S  
ClientSampleId :  
164718MSD

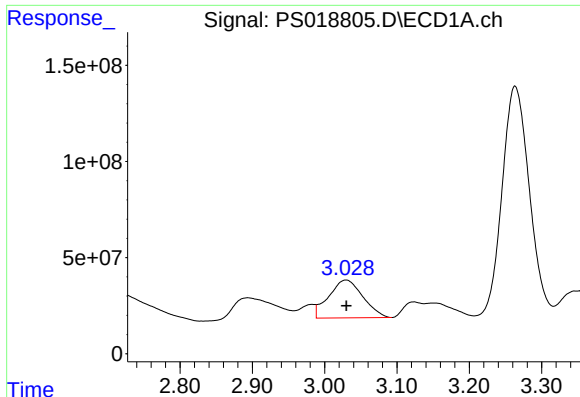
Manual Integrations  
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Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS031422.M  
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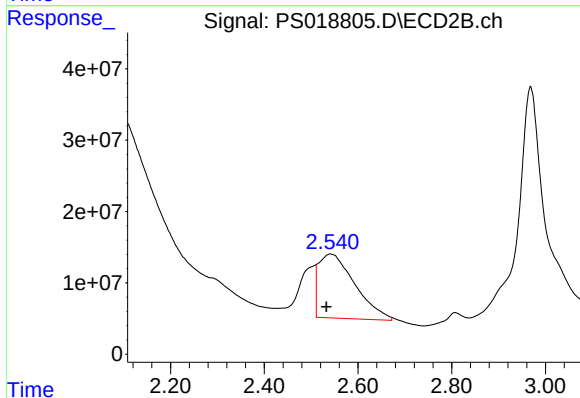
#1 Dalapon

R.T.: 3.029 min  
Delta R.T.: 0.000 min  
Response: 645907907  
Conc: 166.11 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
164718MSD

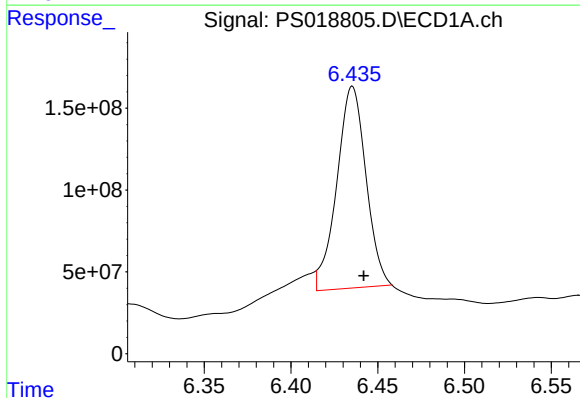
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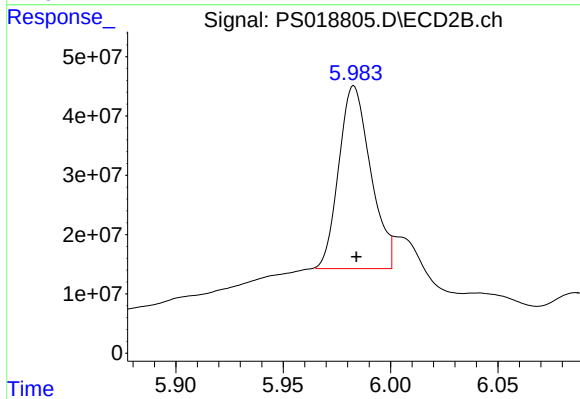
#1 Dalapon

R.T.: 2.540 min  
Delta R.T.: 0.007 min  
Response: 478300324  
Conc: 578.73 ng/ml m



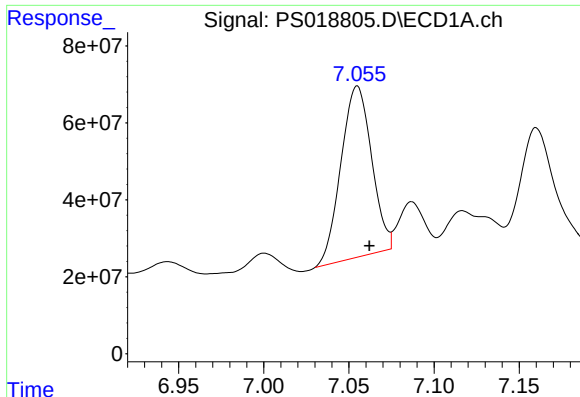
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.435 min  
Delta R.T.: -0.007 min  
Response: 1437790814  
Conc: 373.11 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.983 min  
Delta R.T.: -0.001 min  
Response: 317431664  
Conc: 303.44 ng/ml m



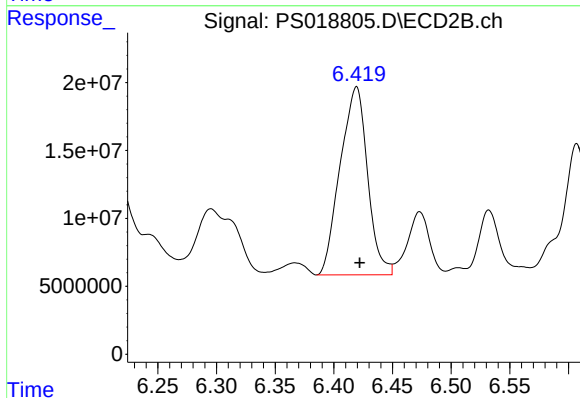
#3 4-Nitrophenol

R.T.: 7.055 min  
Delta R.T.: -0.007 min  
Response: 556850517  
Conc: 323.17 ng/ml

Instrument :  
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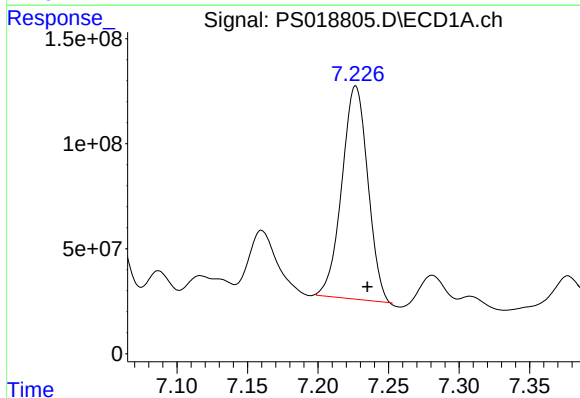
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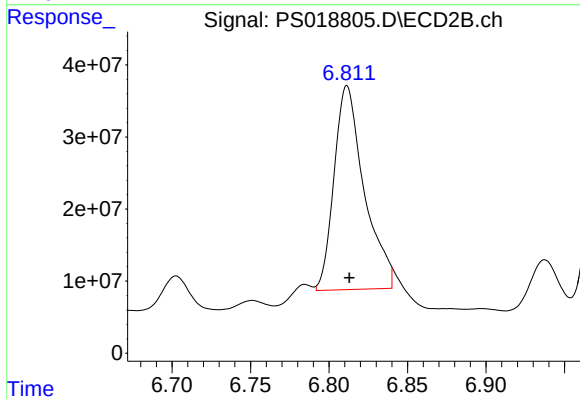
#3 4-Nitrophenol

R.T.: 6.419 min  
Delta R.T.: -0.003 min  
Response: 225180440  
Conc: 554.26 ng/ml



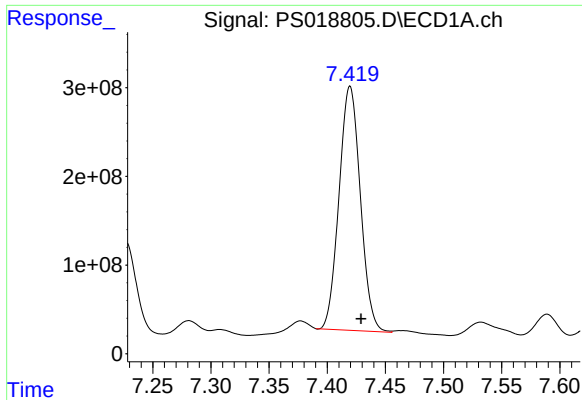
#4 2,4-DCAA

R.T.: 7.226 min  
Delta R.T.: -0.009 min  
Response: 1298185948  
Conc: 456.16 ng/ml m



#4 2,4-DCAA

R.T.: 6.811 min  
Delta R.T.: -0.002 min  
Response: 375754737  
Conc: 534.00 ng/ml m



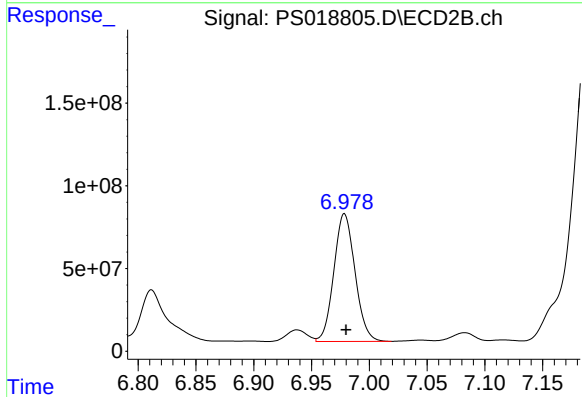
#5 DICAMBA

R.T.: 7.420 min  
Delta R.T.: -0.009 min  
Response: 3510041350  
Conc: 321.82 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
164718MSD

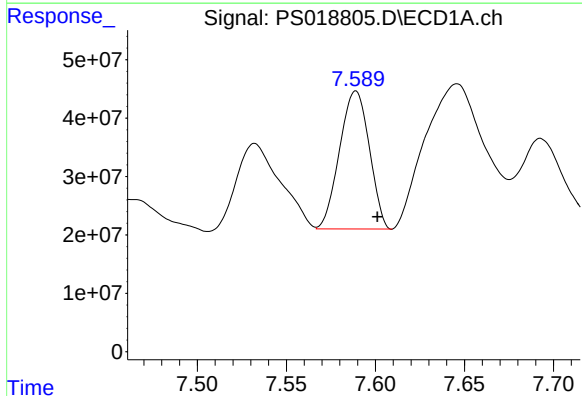
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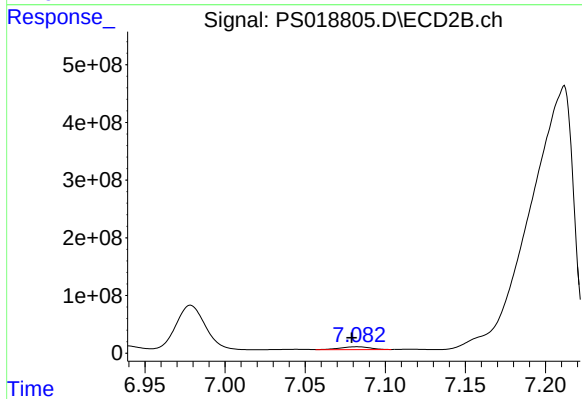
#5 DICAMBA

R.T.: 6.979 min  
Delta R.T.: -0.001 min  
Response: 983171036  
Conc: 330.08 ng/ml



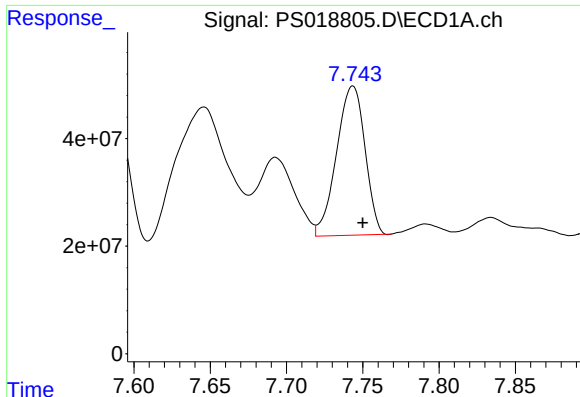
#6 MCP

R.T.: 7.589 min  
Delta R.T.: -0.012 min  
Response: 274690827  
Conc: 32.36 ug/ml



#6 MCP

R.T.: 7.082 min  
Delta R.T.: 0.003 min  
Response: 67225380  
Conc: 27.46 ug/ml



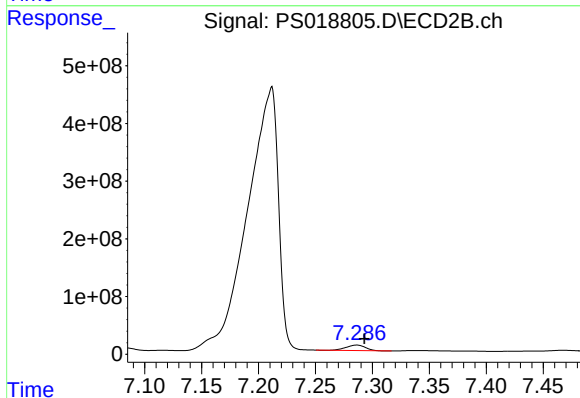
#7 MCPA

R.T.: 7.743 min  
Delta R.T.: -0.007 min  
Response: 359786182  
Conc: 29.75 ug/ml

Instrument :  
ECD\_S  
ClientSampleId :  
164718MSD

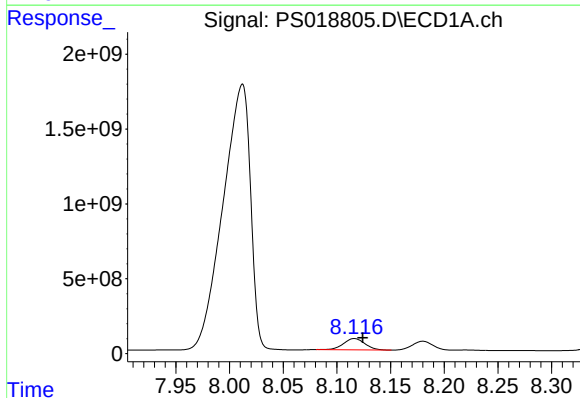
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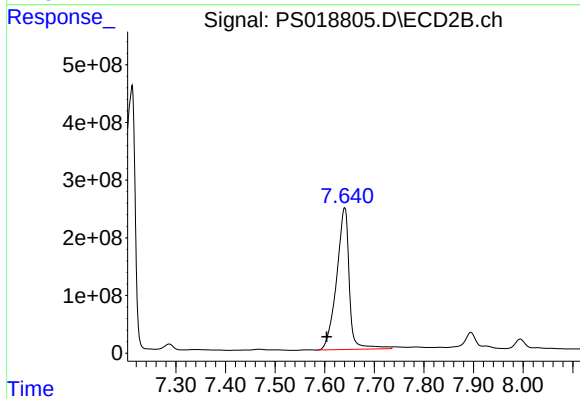
#7 MCPA

R.T.: 7.286 min  
Delta R.T.: -0.007 min  
Response: 111608552  
Conc: 31.96 ug/ml



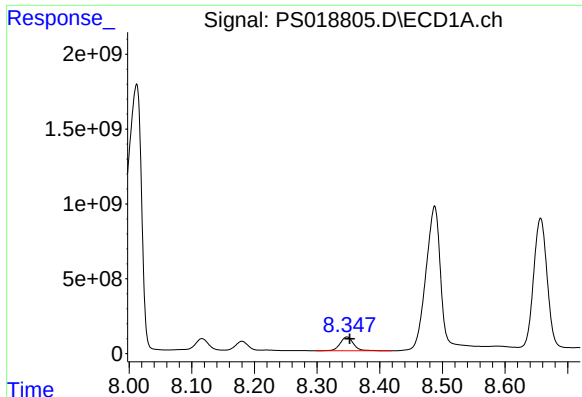
#8 DICHLORPROP

R.T.: 8.116 min  
Delta R.T.: -0.008 min  
Response: 1043036239  
Conc: 378.68 ng/ml



#8 DICHLORPROP

R.T.: 7.640 min  
Delta R.T.: 0.036 min  
Response: 4375501534  
Conc: 5527.32 ng/ml



#9 2,4-D

R.T.: 8.348 min  
Delta R.T.: -0.004 min  
Response: 1380803685  
Conc: 412.10 ng/ml

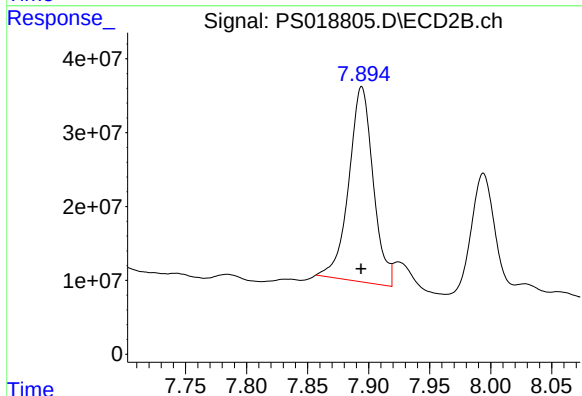
Instrument :

ECD\_S

ClientSampleId :  
164718MSD

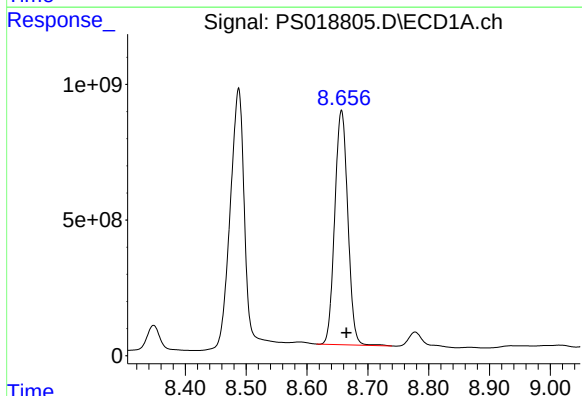
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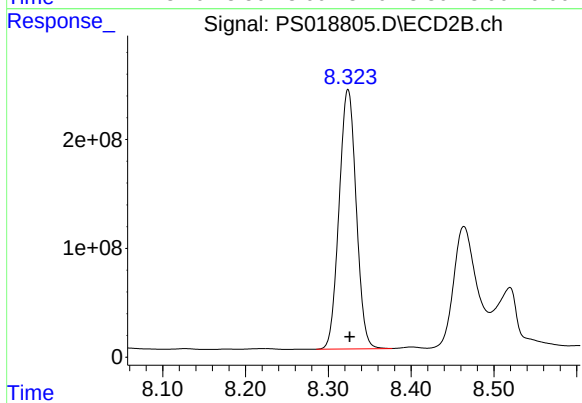
#9 2,4-D

R.T.: 7.894 min  
Delta R.T.: 0.000 min  
Response: 366895868  
Conc: 391.98 ng/ml



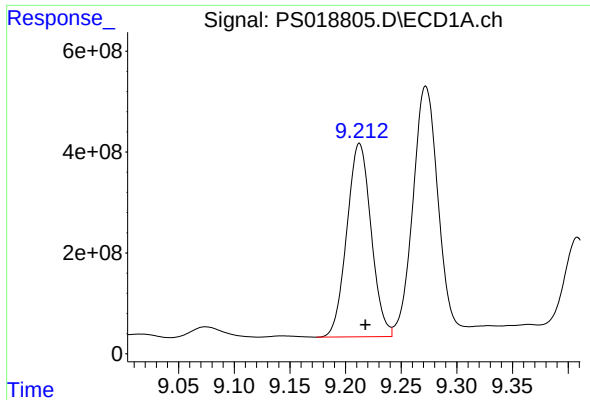
#10 Pentachlorophenol

R.T.: 8.657 min  
Delta R.T.: -0.008 min  
Response: 12869270742  
Conc: 355.48 ng/ml



#10 Pentachlorophenol

R.T.: 8.324 min  
Delta R.T.: -0.002 min  
Response: 3423872350  
Conc: 348.65 ng/ml



#11 2,4,5-TP (SILVEX)

R.T.: 9.212 min  
Delta R.T.: -0.006 min  
Response: 5824068455  
Conc: 382.96 ng/ml

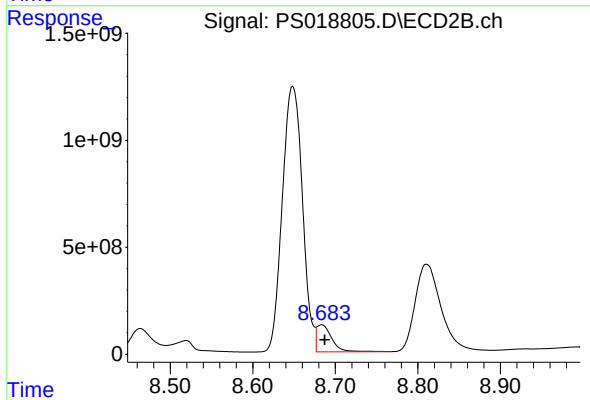
Instrument :

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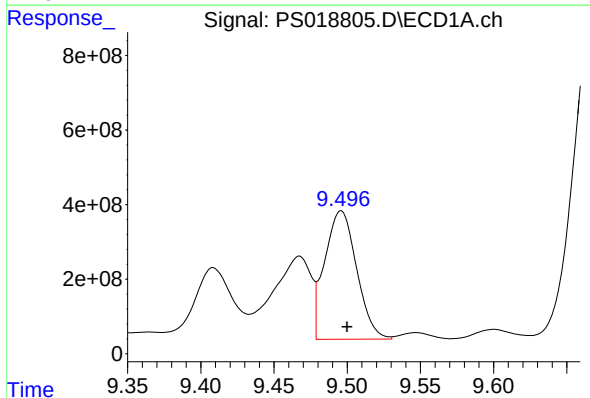
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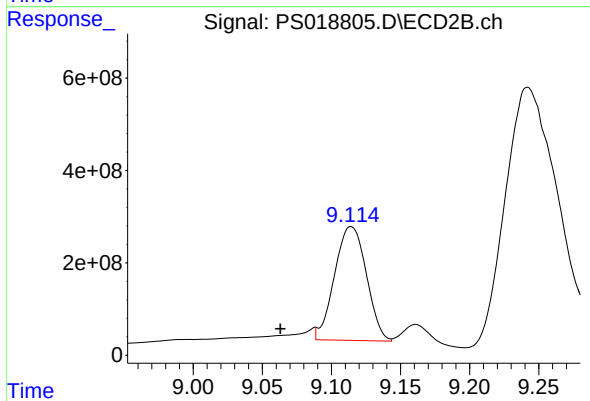
#11 2,4,5-TP (SILVEX)

R.T.: 8.684 min  
Delta R.T.: -0.003 min  
Response: 1589580875  
Conc: 364.42 ng/ml



#12 2,4,5-T

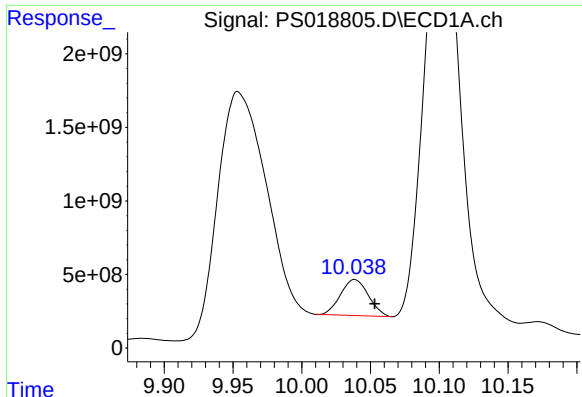
R.T.: 9.496 min  
Delta R.T.: -0.004 min  
Response: 5230912876  
Conc: 350.16 ng/ml



#12 2,4,5-T

R.T.: 9.114 min  
Delta R.T.: 0.051 min  
Response: 3948776245  
Conc: 953.31 ng/ml m





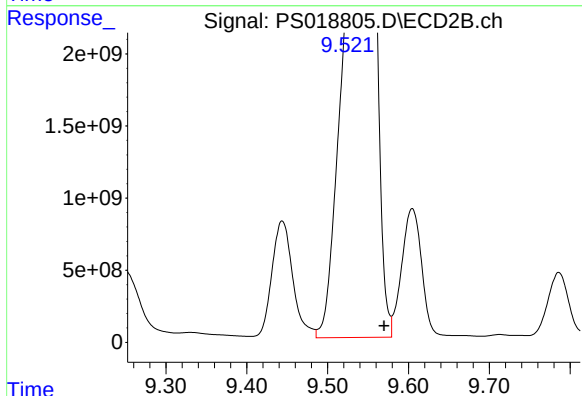
#13 2,4-DB

R.T.: 10.039 min  
Delta R.T.: -0.014 min  
Response: 3451045808  
Conc: 1261.62 ng/ml

Instrument :  
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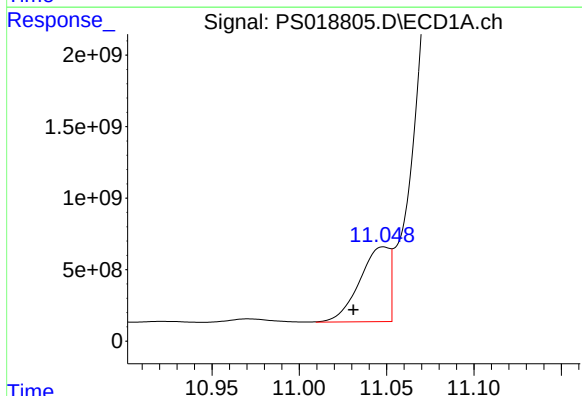
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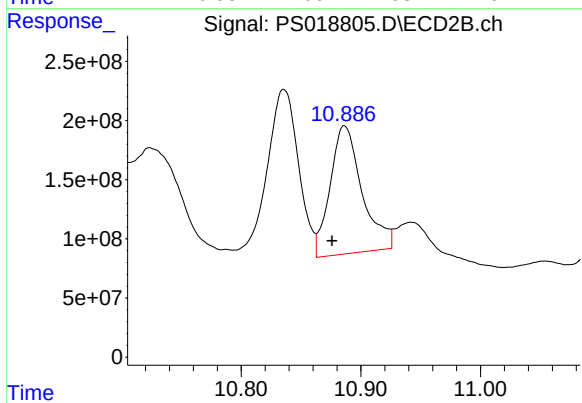
#13 2,4-DB

R.T.: 9.558 min  
Delta R.T.: -0.012 min  
Response: 74431593610  
Conc: 131099.62 ng/ml



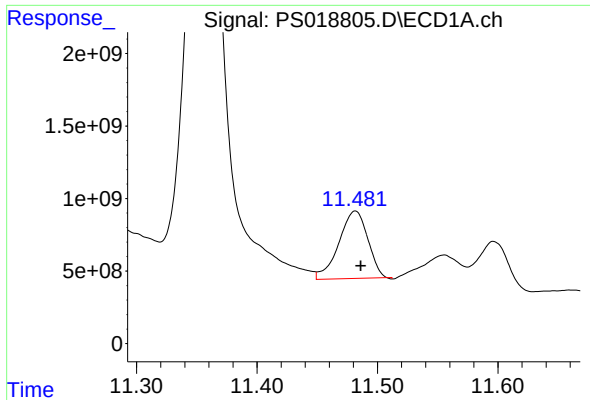
#15 Picloram

R.T.: 11.048 min  
Delta R.T.: 0.017 min  
Response: 6308608996  
Conc: 306.90 ng/ml m



#15 Picloram

R.T.: 10.887 min  
Delta R.T.: 0.011 min  
Response: 2012018957  
Conc: 378.48 ng/ml



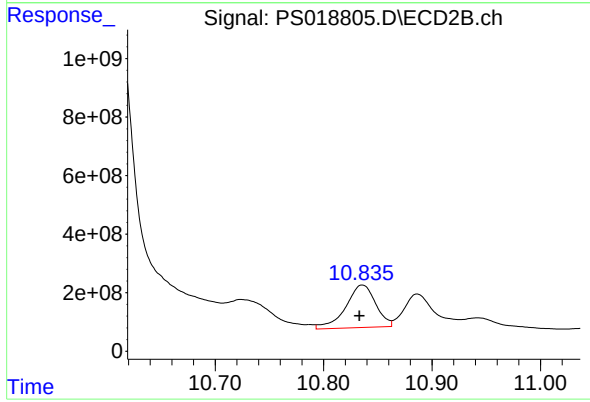
#16 DCPA

R.T.: 11.481 min  
Delta R.T.: -0.005 min  
Response: 7768338536  
Conc: 434.21 ng/ml

Instrument :  
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#16 DCPA

R.T.: 10.836 min  
Delta R.T.: 0.003 min  
Response: 2798198373  
Conc: 532.05 ng/ml